

AMENDMENTS TO THE CLAIMS

Please CANCEL claims 10, 11 and 19 without prejudice or disclaimer.

Please AMEND claims 1, 5, 9-13 and 18-22, as shown below.

The following is a complete list of all claims in this application.

1. (Currently Amended) A liquid crystal display comprising:

a monitor unit comprising:

a backlight assembly having a light source that generates light;

a liquid crystal display panel that receives ~~said~~ the light from ~~said~~ the backlight assembly and displays images;

a printed circuit board attached to the liquid crystal display and transmitting a gate driving signal and a data driving signal to the liquid crystal display panel;

a mold frame that accepts ~~said~~ the backlight assembly, ~~and~~ ~~said~~ the liquid crystal display panel and the printed circuit board and formed to be gradually thinner as further advancing from a first side adjoining ~~said~~ the light source toward a second side opposite ~~said~~ the first side; and

a chassis coupled to ~~said~~ the mold frame to fix ~~said~~ the backlight assembly and ~~said~~ the liquid crystal display panel therebetween and formed to be gradually thinner as further advancing from a first side adjoining ~~said~~ the light source toward a second side opposite ~~said~~ the first side;

a main body disposed outside of the monitor unit and comprising a liquid crystal display panel driving circuit that generates the gate driving signal and the data driving signal; and
a flexible circuit board coupled between the monitor unit and the main body and transferring the gate driving signal and the data driving signal from the liquid crystal display panel driving circuit to the printed circuit board.

2. (Withdrawn) A liquid crystal display comprising:

a liquid crystal display panel assembly having a liquid crystal display panel and a source printed circuit board formed with a wiring pattern for signal transmission;

a backlight assembly that supplies light to said liquid crystal display panel assembly;

a mold frame that accepts said backlight assembly and liquid crystal display panel assembly; and

a chassis coupled to said mold frame to fix said backlight assembly and said liquid crystal display panel assembly therebetween,

wherein said source printed circuit board receives a liquid crystal display panel driving signal supplied from an outside of said liquid crystal display and transmits said liquid crystal display panel driving signal to said liquid crystal display panel.

3. (Withdrawn) The liquid crystal display as claimed in claim 2, wherein said backlight assembly comprises:

a light source portion that generates said light; and

a light-conducting plate formed to be thinner as being further distanced from said light source portion.

4. (Withdrawn) The liquid crystal display as claimed in claim 3, wherein said chassis and said mold frame are formed to be gradually thinner as further advancing from a first side adjoining said light source portion toward a second side facing said first side, corresponding to the shape of said light-conducting plate.

5. (Currently Amended) An information processing apparatus comprising:
a liquid crystal display module including:
a backlight assembly having a light source that generates light;
a liquid crystal display panel that ~~has a source printed circuit board attached thereto to transmit signals and~~ receives said the light from said the backlight assembly to display images;
a printed circuit board attached to the liquid crystal display panel and transferring a gate driving signal and a data driving signal to the liquid crystal display panel;
a mold frame that accepts said the backlight assembly and said the liquid crystal display panel and formed to be gradually thinner as further advancing from a first side adjoining said the light source toward a second side opposite said the first side; and
a chassis coupled to said the mold frame to fix said the backlight assembly and said the liquid crystal display panel and formed to be gradually thinner as further advancing from a first side adjoining said the light source toward a second side opposite said the first side; and
an information processing module disposed outside of the liquid crystal display module and comprising that has a liquid crystal display panel driving circuit to generate a that generates

the gate driving signal and the data driving signal and supplies said driving signal to said liquid crystal display panel via said source printed circuit board; and

a flexible circuit board coupled between the information processing module and the liquid crystal display module and transferring the gate driving signal and the data driving signal from the liquid crystal display panel driving circuit to the printed circuit board.

6. (Withdrawn) The information processing apparatus as claimed in claim 5, further comprising a flexible printed circuit board for electrically connecting said liquid crystal display panel driving circuit and source printed circuit board.

7. (Withdrawn) The information processing apparatus as claimed in claim 6, wherein said flexible printed circuit board comprises:

a first flexible printed circuit board extending from said liquid crystal display panel driving circuit; and

a second flexible printed circuit board extending from said source printed circuit board, wherein said first and second flexible printed circuit boards are electrically coupled onto either one side of an internal space of said main body and between said backlight assembly and mold frame.

8. (Withdrawn) The information processing apparatus as claimed in claim 6, wherein said flexible printed circuit board and source printed circuit board are electrically coupled by means of either one of an anisotropic conductive film and a solder.

9. (Currently Amended) The information processing apparatus ~~as claimed in~~ of claim 5, wherein ~~said~~ the information processing module further comprises:

a central processing unit that generates control signals;

data storage that stores or supplies data in response to ~~said~~ the control signals from ~~said~~ the central processing unit; and

a signal processing unit that processes video data in response to ~~said~~ the control signals from ~~said~~ the central processing unit to provide the video data to ~~said~~ the liquid crystal display panel driving circuit.

10-11. (Cancelled)

12. (Currently Amended) The information processing apparatus ~~as claimed in~~ of claim 9, wherein ~~said~~ the data storage comprises at least one selected from the group consisting of ROM, RAM, a hard disc drive and an optical disc.

13. (Currently Amended) The information processing apparatus ~~as claimed in~~ of claim 9, wherein ~~said~~ the information processing module further comprises:

an interfacing unit that interfaces data with an external information processing unit;

a sound control unit that plays and records sound; and

a communicating unit that performs communication with an external device.

14. (Withdrawn) The information processing apparatus as claimed in claim 5, wherein said information processing module further comprises signal converting means, which is

electrically coupled to said liquid crystal display panel driving circuit, for converting an analog video signal supplied from an outside of said liquid crystal display into a digital video signal to supply the converted signal to said liquid crystal display panel driving circuit.

15. (Withdrawn) The information processing apparatus as claimed in claim 14, wherein said liquid crystal display module further comprises a reinforcing bracket closely coupled to the rear plane of said mold frame.

16. (Withdrawn) The information processing apparatus as claimed in claim 15, wherein said information processing module is bent to the rear plane of said mold frame together with said liquid crystal display panel driving circuit to be fixedly coupled to said reinforcing bracket.

17. (Withdrawn) The information processing apparatus as claimed in claim 5, wherein said liquid crystal display module is coupled to said information processing module by means of hinges and latches, the portion of placing said light source portion in said liquid crystal display module is coupled to said information processing module by means of said hinges, and an end of the portion thinned as being further distanced from said light source portion is coupled to said information processing module by means of said latches.

18. (Currently Amended) An information processing apparatus comprising:
a liquid crystal display module including:

a backlight assembly having a light source for generating light;

a liquid crystal display panel that ~~has a source printed circuit board attached thereto to transmit signals, and receives said~~ the light from the backlight assembly to display images;

a printed circuit board that is attached to the liquid crystal display panel and transfers a gate driving signal and a data driving signal to the liquid crystal display panel;

a mold frame that accepts the backlight assembly, the printed circuit board and the liquid crystal display panel; and

a chassis coupled to the mold frame to fix the backlight assembly and the liquid crystal display panel therebetween; and

an information processing module disposed outside of the liquid crystal display module and comprising ~~directly attached on a rear plane of said mold frame and having~~ a liquid crystal display panel driving circuit ~~to generate a~~ that generates the gate driving signal and the data driving signal ~~and supplying said driving signal to said liquid crystal display panel via said source printed circuit board; and~~

a flexible circuit board coupled between the information processing module and the liquid crystal display module and transferring the gate driving signal and the data driving signal from the liquid crystal display panel driving circuit to the printed circuit board.

19. (Cancelled)

20. (Currently Amended) The information processing apparatus ~~as claimed in~~ of claim 18, wherein the information processing module further comprises:

a central processing unit that generates control signals;

data storage that stores and supplies data in response to ~~said~~ the control signals from ~~said~~ the central processing unit; and

a signal processing unit that processes video data in response to ~~said~~ the control signals from ~~said~~ the central processing unit to provide the video data to ~~said~~ the liquid crystal display panel driving circuit.

21. (Currently Amended) The information processing apparatus ~~as claimed in~~ of claim 20, wherein ~~said~~ the data storage comprises at least one selected from the group consisting of ROM, RAM, a hard disc drive and an optical disc.

22. (Currently Amended) The information processing apparatus ~~as claimed in~~ of claim 20, wherein ~~said~~ the information processing module further comprises:

an interfacing unit that interfaces data with an external information processing unit;

a sound control unit that plays and records sound; and

a communicating unit that performs communication with an external device.